

Gary Palmer REPLACEMENT Sheet 1 of 7 Battison – 85404-132 ADB

Derial No: 10/809, 822 Sroup 1724

FIGURE 1

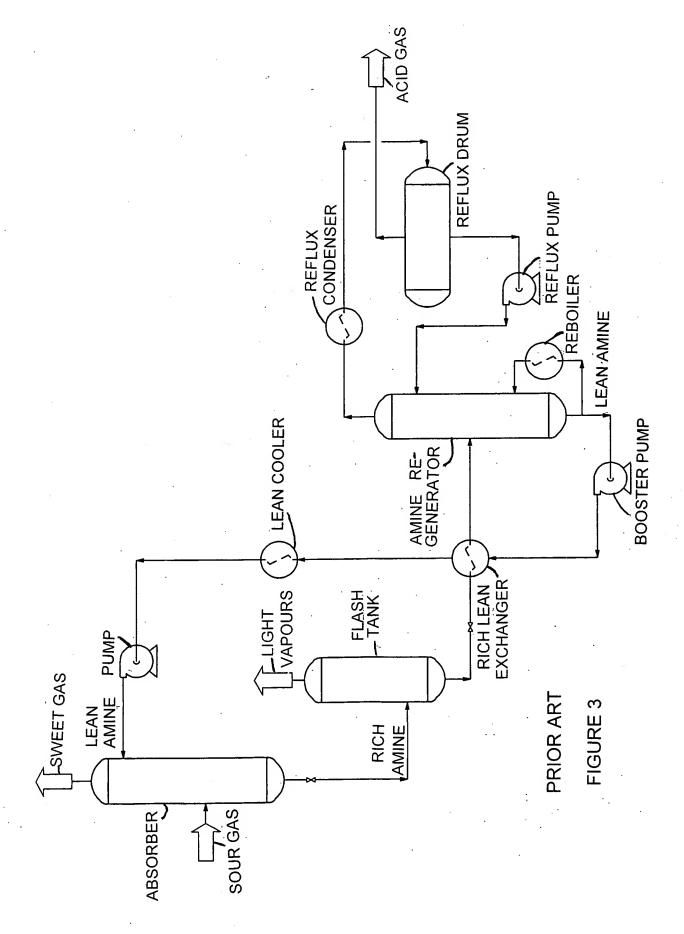
$$\begin{array}{c} H \\ O \\ I \\ CO_2 + AMINE \rightarrow [AMINE]^- + [AMINE - C - O] \end{array}$$

$$CO_2 + H_2O \rightarrow H_2CO_3$$

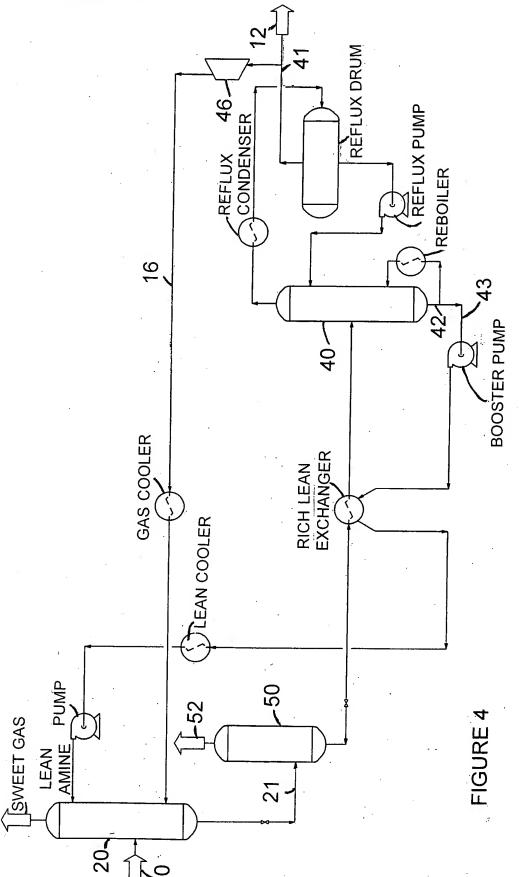
 $H_2CO_3 \rightarrow H^- + HCO_3^-$
 $HCO_3 \rightarrow H^+ + CO_3^-$
 $H^+ + AMINE \rightarrow [AMINE - H]^-$

FIGURE 2

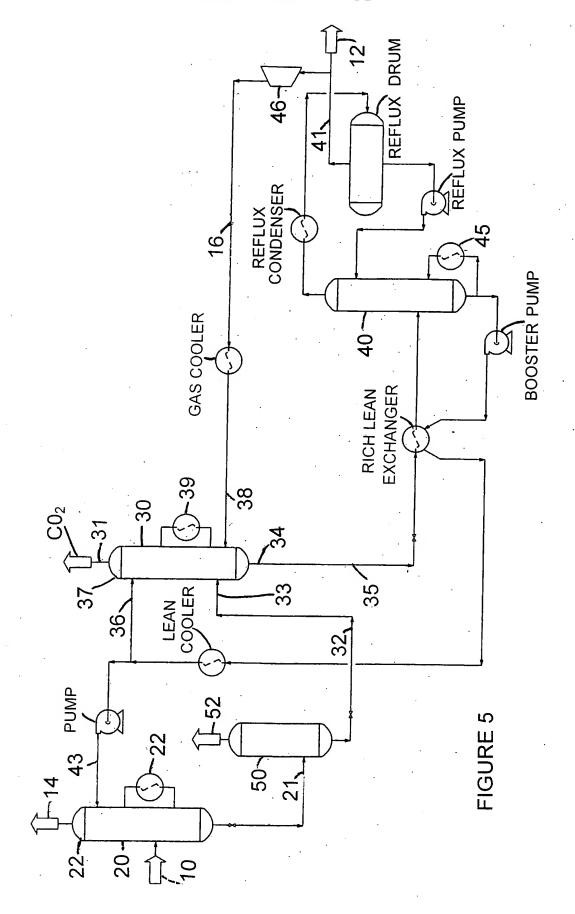
Gary Palmer REPLACEMENT Sheet 2 of 7 Battison – 85404-132 ADB



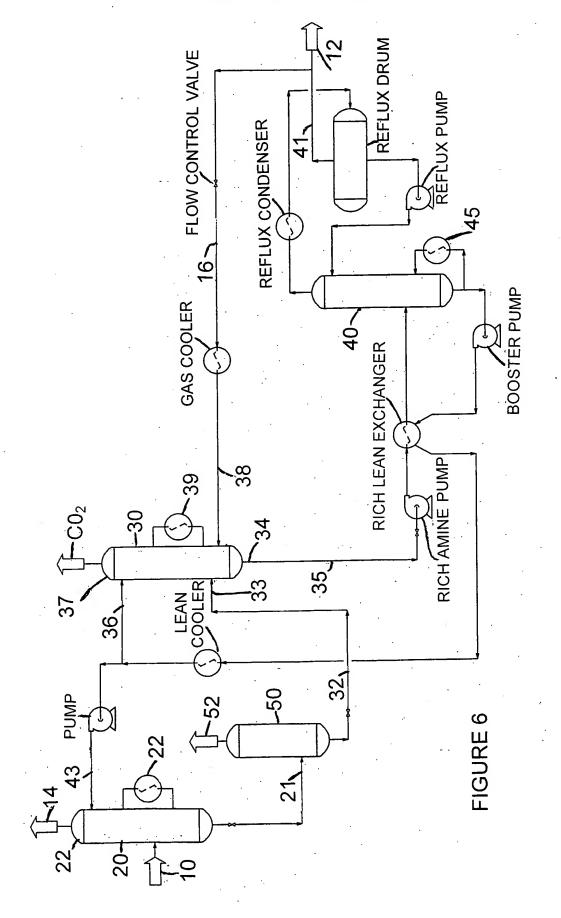
Gary Palmer REPLACEMENT Sheet 3 of 7 Battison – 85404-132 ADB



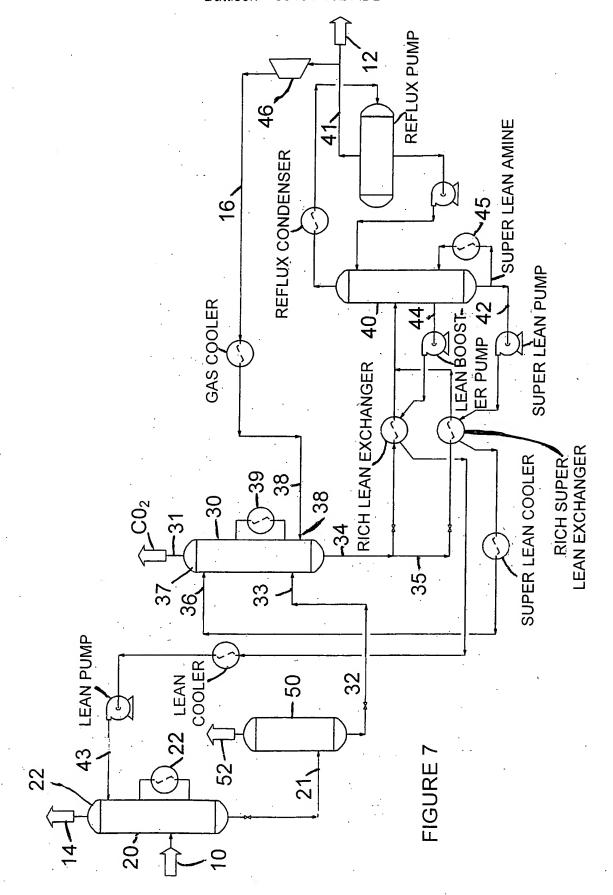
Gary Palmer REPLACEMENT Sheet 4 of 7 Battison – 85404-132 ADB



Gary Palmer REPLACEMENT Sheet 5 of 7 Battison – 85404-132 ADB



Gary Palmer REPLACEMENT Sheet 6 of 7 Battison – 85404-132 ADB



Gary Palmer REPLACEMENT Sheet 7 of 7 Battison – 85404-132 ADB

